

# HS LC-F-PL-5,2X2-150 - Fiber optic



1474463

<https://www.phoenixcontact.com/gb/products/1474463>

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Flexible light guide, passive, flexible, Cylinder head, emission surface: planar, number of displays: 1, (1 row, 1 column), length: 150 mm, ESD protection: <12 kV

## Your advantages

- Light guides are perfectly matched to electronics housings
- Easy mounting on the PCB using press pins
- Resistance to ESD
- Housing processing available on request
- Enables simple visual status and diagnostic indicators

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1474463       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 500 pc        |
| Sales key                            | ACGABC        |
| Product key                          | ACGABC        |
| GTIN                                 | 4063151889128 |
| Weight per piece (including packing) | 3.3 g         |
| Weight per piece (excluding packing) | 2 g           |
| Customs tariff number                | 90019000      |
| Country of origin                    | TN            |

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## Technical data

### Notes

|               |                                                                                                                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | The light guide is designed to be pressed into an H7-tolerated receptacle. Dry-install the LED display by pressing it in vertically. As an alternative, you can glue in the LED display, e.g., using LOCTITE 460. |
| General       | Please observe the application note in the download area.                                                                                                                                                         |

### Product properties

|                      |                      |
|----------------------|----------------------|
| Product type         | Fiber optic          |
| Number of positions  | 1                    |
| Alignment            | flexible             |
| Type                 | passive, flexible    |
| Conductor type       | Flexible light guide |
| Head form            | Cylinder head        |
| Number of indicators | 1 (1 row x 1 column) |

### Electrical properties

|                |         |
|----------------|---------|
| ESD protection | < 12 kV |
|----------------|---------|

### Dimensions

|               |                      |
|---------------|----------------------|
| Length        | 150 mm               |
| Diameter      | 5.2 mm               |
| Hole diameter | 4.6 mm <sup>H7</sup> |

### Material specifications

|                     |              |
|---------------------|--------------|
| Color (Light guide) | transparent  |
| Insulating material | Polycarbonat |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Max. IP code to attain          | IP68             |
| Ambient temperature (operation) | -20 °C ... 50 °C |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27460404 |
|-------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002943 |
|----------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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